

[FIG. 15]

< SECOND SINGLE OPERATION MODE :
POWER RUNNING STATE AND FIRST RELAY=OFF>

	L2 CHARGE	L2 DISCHARGE
S1	OFF	OFF (LOSS REDUCED)
S2	ON	OFF
S3	ON	ON (LOSS REDUCED)
S4	ON (C1 SHORT)	ON (C1 SHORT)

(a)

	L2 CHARGE (S2 HIGH TEMPERATURE)	L2 DISCHARGE (S2 HIGH TEMPERATURE)
S1	OFF (LOSS REDUCED)	OFF (LOSS REDUCED)
S2	ON	ON (LOSS REDUCED)
S3	ON	OFF
S4	ON (LOSS REDUCED)	ON (LOSS REDUCED)

(b)

[FIG. 16]

< SECOND SINGLE OPERATION MODE :
REGENERATION STATE AND FIRST RELAY=OFF>

	L2 CHARGE	L2 DISCHARGE
S1	ON	OFF
S2	OFF	OFF (LOSS REDUCED)
S3	ON (C1 SHORT)	ON (C1 SHORT)
S4	ON	ON (LOSS REDUCED)

(a)

	L2 CHARGE (S1 HIGH TEMPERATURE)	L2 DISCHARGE (S1 HIGH TEMPERATURE)
S1	ON	ON (LOSS REDUCED)
S2	OFF (LOSS REDUCED)	OFF (LOSS REDUCED)
S3	ON (LOSS REDUCED)	ON (LOSS REDUCED)
S4	ON	OFF

(b)